

For Research Use Only

Anti-Mouse CD107b / LAMP2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98315-4-PBS



Basic Information

Catalog Number: 98315-4-PBS	GenBank Accession Number: NM_001017959.2	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 16784	CloneNo.: 241893A5
Source: Rabbit	UNIPROT ID: P17047-1	
Isotype: IgG	Full Name: lysosomal-associated membrane protein 2	
Immunogen Catalog Number: EG2029	Calculated MW: 46 kDa	

Applications

Tested Applications:
FC(intra)

Species Specificity:
mouse

Background Information

LAMP2 (CD107b) is a Lysosomal membrane glycoprotein. LAMP2 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis (PMID: 10521503). Although LAMP-2 is localized primarily in the endosome-lysosomal membrane of cells, it is also found on the plasma membrane under certain circumstances, e.g., after platelet activation, during granulocytic differentiation and activation, and in some tumor cells (PMID: 12221139). LAMP is involved in lysosomal stability and autophagy (PMID: 12221139). This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis (PMID 9426697).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

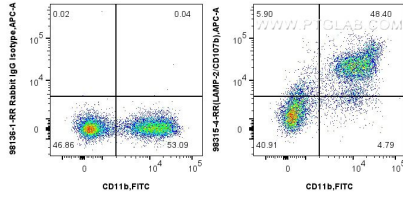
T: 4006900926

E: Proteintech-CN@ptglab.com

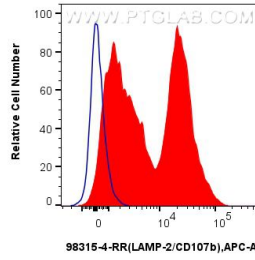
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse bone marrow cells were stained with 0.25 ug Anti-Mouse CD107b / LAMP2 Rabbit RecAb (98315-4-RR, Clone:241893A5), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with FITC Plus Anti-Mouse CD11b. Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using



1x10⁶ mouse bone marrow cells were stained with 0.25 ug Anti-Mouse CD107b / LAMP2 Rabbit RecAb (98315-4-RR, Clone:241893A5) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using